



# FAST<sup>®</sup> XP

## High Cut Helmet System



- High cut shell made of a hybrid composite of Carbon, Uni-directional Polyethylene, and Woven Aramid.
- Raised ear cut allows for integration with communications headsets.
- Features an Ops-Core<sup>®</sup> 3-Point Skeleton™ Shroud for universal capability with most NVG mounts, Accessory Rail Connectors (ARCs) with hook bungees, and external VELCRO<sup>®</sup> brand loop.
- Scalable design allows for compatibility with Ops-Core visors, mandibles, handgun face shields, and ballistic appliques.
- Available with four suspension/retention options.

## SPECIFICATIONS

**Performance Specification:** Ops-Core XP Helmet PS-1063 Specification, Modified and Abbreviated US Army ACH Helmet CO/PD 05-04:2007 Specification

**Fragmentation Protection:** In accordance with PS-1063 and MIL-STD-662F

Projectile	Minimum V50 (ft/s)	Minimum V50 (m/s)
2 - Grain RCC	4,200	1,280
4 - Grain RCC	3,475	1,059
16 - Grain RCC	2,475	754
64 - Grain RCC	1,750	533
17 - Grain FSP	2,378	725

9mm Protection: In accordance with PS-1063, Resistance to Penetration (RTP) and Backface Defamation (BFD): 9mm FMJ, 24gr FMJ at 1,400 ft/s (426 m/s) at 0° obliquity with BFD < 1.0 inch (25.4 mm) (Right, Left, Crown, Front and Back)

**Blunt Impact Protection:** <150 G's at 10 ft/s per ACH CO/PD 05-04:2007

**Compression Testing:** Top-Bottom = .020" (0.51 mm) Max @ 400 lbs. (181.44 kg), Side-Side = .125" (3.18 mm) Max @ 300 lbs. (136.08 kg) per MICH Type II FQ/PD 06-35C: 2013

**Environmental Resistance:** Temperature -Storage and Operating at Ambient, Cold -60° F (-51° C), and Hot +160° F (71° C), Temperature Shock, Flame Resistance, Altitude, Vibration, Seawater, Field Agent Resistance, Weatherometer per ACH CO/PD 05-04:2007

- Shell Construction:** Two-Stage Non Slit
- Areal Density:** 1.58 lbs/ft<sup>2</sup> (77.14 g/dm<sup>2</sup>)
- Shell Thickness:** 0.290" (7.37mm)
- Shell Geometry (Curvature):** FAST
- Cut Style (Side Protection):** High Cut
- Available Sizes:** Medium (M), Large (L), X-Large (XL), XX-Large (XXL)

- Available Colors:**
- Urban Tan
  - Foliage Green
  - Black
  - MultiCam<sup>®</sup>
  - Desert MARPAT

## Contact Us

Ops-Core is committed to designing advanced performance capabilities for the elite warrior. For more information regarding the Ops-Core FAST XP High Cut Helmet System, contact Ops-Core at 617.670.3547 or sales@ops-core.com. The FAST XP High Cut Helmet is controlled for export by the U.S. Export Administration Regulations (EAR) 15 CFR 730-774. The export of this helmet and related technical information requires prior authorization from the U.S. Government.

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## FAST XP

### SPECIFICATIONS (CONTINUED)

#### SHELL SIZING & COVERAGE

Available Sizes	Medium	Large	X-Large	XX-Large
<b>Head Size</b> (Circumference)	20 7/8 - 22 in (53-56 cm)	22-23 1/4 in (56-59 cm)	23 1/4 - 24 3/8 in (59-62 cm)	24 3/8 - 25 3/8 in (62-64.5 cm)
<b>Square Coverage</b>	153.1 in <sup>2</sup> (988 cm <sup>2</sup> )	164.8 in <sup>2</sup> (1063 cm <sup>2</sup> )	179.3 in <sup>2</sup> (1157 cm <sup>2</sup> )	191.1 in <sup>2</sup> (1233 cm <sup>2</sup> )

#### SHELL WEIGHT

Available Sizes	Medium	Large	X-Large	XX-Large
<b>FAST XP Shell Weight</b> (Shell with Paint & Edge Band)	1.68 lbs (764 g)	1.88 lbs (853 g)	2.01 lbs (913 g)	2.18 lbs (989 g)

#### SYSTEM WEIGHT

	Suspension/Retention Option	Large
<b>FAST XP System Weight</b> (FAST XP Shell with Suspension/Retention Options)	<b>Lux Liner w/ Worm-Dial Fitband</b>	2.84 lbs (1288 g)
	<b>Lux Liner w/ H-Nape Chinstrap</b>	2.73 lbs (1238 g)
	<b>EPP Pads w/ Worm-Dial Fitband</b>	2.55 lbs (1157 g)
	<b>EPP Pads w/ Occ-Dial Fitband</b>	2.74 lbs (1243 g)

Note: All measurements are +/- 3% tolerance

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